

Title (en)

Grid tee with integrally stitched web

Title (de)

T-förmiges Profil mit zusammengeinähtem Steg

Title (fr)

Profilé support en forme de T, avec âme intégralement cousue

Publication

EP 0940514 A3 20001220 (EN)

Application

EP 99301369 A 19990224

Priority

US 3449798 A 19980304

Abstract (en)

[origin: EP0940514A2] A grid tee (10) of the double web type in which the elements of the web are integrally stitched together to prevent their separation. The stitches (23) are created in an inexpensive rolling process that does not require control of the position of the stitches relative to the ends or other parts of the tee. According to the invention, after the stitches are formed and locked, they are flattened back into the plane of the web to a limited degree where they do not substantially increase the thickness of the web so that they do not interfere with subsequent manufacturing steps or with field assembly. <IMAGE>

IPC 1-7

E04B 9/06; B21D 39/03

IPC 8 full level

E04B 9/06 (2006.01); **E04B 9/10** (2006.01)

CPC (source: EP US)

E04B 9/068 (2013.01 - EP US); **E04B 9/10** (2013.01 - EP US); **Y10T 29/34** (2015.01 - EP US); **Y10T 29/49623** (2015.01 - EP US); **Y10T 29/49634** (2015.01 - EP US); **Y10T 29/49837** (2015.01 - EP US); **Y10T 29/49936** (2015.01 - EP US); **Y10T 403/7003** (2015.01 - EP US)

Citation (search report)

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EP 0940514 A2 19990908; **EP 0940514 A3 20001220**; **EP 0940514 B1 20070411**; AU 1637499 A 19990916; AU 738388 B2 20010920; CN 1102988 C 20030312; CN 1233700 A 19991103; DE 69935749 D1 20070524; DE 69935749 T2 20071227; ES 2285817 T3 20071116; HK 1021835 A1 20000707; US 6047511 A 20000411; US 6446407 B1 20020910; ZA 991442 B 19990824

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EP 99301369 A 19990224; AU 1637499 A 19990210; CN 99102498 A 19990304; DE 69935749 T 19990224; ES 99301369 T 19990224; HK 00100461 A 20000125; US 3449798 A 19980304; US 45778499 A 19991209; ZA 991442 A 19990223